

Title (en)

Casing hanger running and retrieval tools.

Title (de)

Ein- und Ausbauwerkzeuge für Futterrohraufhänger.

Title (fr)

Outils pour poser et récupérer une suspension de tubage.

Publication

EP 0378040 A1 19900718 (EN)

Application

EP 89630226 A 19891214

Priority

- US 28521888 A 19881216
- US 28579188 A 19881216
- US 28660388 A 19881216

Abstract (en)

A tool for setting or retrieving a packoff between the casing hanger and the wellhead utilizes differential area pistons. The tool has a mandrel (27) which connects to a string of drill pipe. The mandrel carries a body (55) and is axially movable relative to the body. A sleeve (75) is carried by the body for connection to the packoff (81). A sleeve piston (89) is carried by the body for relative movement relative to the body. A mandrel piston (97) is carried by the mandrel for movement with the mandrel. Passages (93) in the body communicate the mandrel piston (97) with the sleeve piston (89) and contain an incompressible fluid. Axial movement of the mandrel causes the pressure to increase to drive the sleeve piston downward to set the packoff, or in another embodiment, upward to retrieve the packoff.

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E21B 33/043

IPC 8 full level

E21B 33/043 (2006.01); **E21B 33/00** (2006.01)

CPC (source: EP)

E21B 33/043 (2013.01); **E21B 2200/01** (2020.05)

Citation (search report)

- [A] EP 0289108 A2 19881102 - CAMERON IRON WORKS INC [US]
- [A] US 3693714 A 19720926 - BAUGH BENTON F
- [A] US 3520360 A 19700714 - KISLING JAMES W
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